

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of :)	Attorney Docket No. 47382.000110
)	
DiDOMENICO, et al.)	Group Art Unit: 2736
)	
Serial No.: Not Yet Assigned)	Examiner: Not Assigned
(Cont. of 09/520,165))	
)	
Filed: November 3, 2000)	
)	
For: REMOTE EMISSIONS SENSING SYSTEM AND METHOD WITH		
A COMPOSITE BEAM OF IR AND UV RADIATION THAT IS NOT		
SPLIT FOR DETECTION		

JC825 U.S. PTO
09/704565
11/03/00

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 C.F.R. §§1.56, 1.97 and 1.98, applicants submit the patent documents listed on the attached Form PTO-1449 to the Examiner for consideration in connection with the examination of the above-identified application.

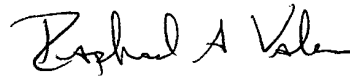
Each of the listed documents is generally relevant to the subject matter of the application.

Applicants respectfully request the Examiner to consider the references and to indicate that the references have been considered in this application by returning a copy of the Form PTO-1449 with the Examiner's initials in the left column per MPEP 609.

This Information Disclosure Statement is being submitted before the mailing of a first Office Action. Accordingly, no fees are due. However, if any fees are incurred in connection with this Information Disclosure Statement, please charge the undersigned's Deposit Account No. 50-0206.

Respectfully submitted,

HUNTON & WILLIAMS



By: Raphael A. Valencin 43,216 for
Christopher Cuneo
Reg. No. 42,450

Hunton & Williams
1900 K Street, N.W., Suite 1200
Washington, D.C. 20006-1109
Telephone: (202) 955-1500
Facsimile: (202) 778-2201

Date: November 3, 2000

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 47382.000110		SERIAL NO.: Unassigned: Cont. of 09/520,165								
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)				INVENTOR'S NAME: DIDOMENICO et al.		EXAMINER: Not Assigned								
				FILING DATE: November 3, 2000		GROUP: 2736 2878								
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL	A	2	9	3	0	8	9	3	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	A	2	9	3	0	8	9	3	03/1960	Lane, et al.				
	B	3	1	4	3	6	4	8	08/04/64	Bradley, et al.				
	C	3	1	7	1	0	2	7	02/1965	Wallack				
	D	3	5	1	7	1	9	0	06/1970	Astheimer				
	E	3	5	9	3	0	2	3	07/1971	Dodson, et al.				
	F	3	6	3	0	0	7	2	12/1971	Traver				
	G	3	6	9	6	2	4	7	10/1972	McIntosh, et al.				
	H	3	7	6	1	7	1	5	09/1973	Menzies				
	I	3	7	6	1	7	2	4	09/1973	Dennis				
	J	3	7	6	6	3	8	0	10/1973	Menzies				
	K	3	8	4	1	7	6	3	10/1974	Lewis				
	L	3	8	4	9	0	0	5	11/1974	Girard, et al.				
	M	3	8	9	1	8	4	8	06/1975	Fletcher, et al.				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	N													
	O													
	P													
	Q													
OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)														
	R	Chaney, Lucian W., "The Remote Measurement of Traffic Generated Carbon Monoxide", Journal of the Air Pollution Control Association, Vol. 33, No. 3, March 1983.												
	S	Peterson, James E., and Stedman, Donald H., "Find and Fix the Polluters", American Chemical Society, CHEMTECH, Jan. 1992												
EXAMINER									DATE CONSIDERED					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														

 JCE25 U.S. PRO
 09/704565
 11/03/00

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 47382.000110		SERIAL NO.: Unassigned: Cont. of 09/520,165	
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)				INVENTOR'S NAME: DIDOMENICO et al.		EXAMINER: Not Assigned	
				FILING DATE: November 3, 2000		GROUP: 2736 2873	

U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A1	3	9	0	8	1	6	7	09/1975	Hadden, et al.			
	B1	3	9	3	1	4	6	2	01/1976	Exton			
	C1	3	9	5	7	3	7	2	05/1976	Cross, et al.			
	D1	3	9	5	8	1	2	2	05/1976	Cross, et al.			
	E1	3	9	7	6	8	8	4	08/1976	Acton, et al.			
	F1	4	1	3	5	0	9	2	01/1979	Milly			
	G1	4	1	6	0	3	7	3	07/1979	Cross, et al.			
	H1	4	2	0	4	1	2	1	05/1980	Milly			
	I1	4	2	0	4	7	6	8	05/1980	N'Guyen			
	J1	4	3	2	3	7	7	7	04/1982	Baskins			
	K1	4	3	9	0	7	8	5	06/1983	Faulhaber, et al.			
	L1	4	4	2	0	6	8	7	12/1983	Martinez, et al.			
	M1	4	4	2	6	6	4	0	01/1984	Becconsall, et al.			

FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
														YES	NO
	N1														
	O1														
	P1														
	Q1														

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)	
R1	Bishop, Gary A., and Stedman, Donald H., "Analytical Approach -- IR Long-Path Photometry: A Remote Sensing Tool for Automotive Emissions; Analytical Chemistry, Vol. 61, No. 10, 617A, May 15, 1989;
S1	

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 47382.000110		SERIAL NO.: Unassigned: Cont. of 09/520,165								
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)				INVENTOR'S NAME: DIDOMENICO et al.		EXAMINER: Not Assigned								
				FILING DATE: November 3 2000		GROUP: 2736 2873								
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	A2	4	4	7	7	1	9	0	10/1984	Dickinson, et al.				
	B2	4	4	8	9	2	3	9	12/1984	Grant, et al.				
	C2	4	4	9	0	0	4	3	12/1984	Cramp				
	D2	4	4	9	0	6	1	3	12/1984	Brame				
	E2	4	4	9	2	8	6	2	01/1985	Grynberg, et al.				
	F2	4	4	9	6	8	3	9	01/1985	Berstein, et al.				
	G2	4	5	1	6	8	5	8	05/1985	Gelbwachs				
	H2	4	5	5	3	0	3	2	11/1985	Borken, et al.				
	I2	4	7	0	7	6	0	3	11/1987	Jaatinen, et al.				
	J2	4	7	1	0	6	3	0	12/1987	Kuppenheimer, et al.				
	K2	4	7	4	6	2	1	8	05/1988	Lord				
	L2	4	7	7	1	1	7	6	09/1988	Krempl, et al.				
	M2	4	7	9	5	2	5	3	01/1989	Hunt, et al.				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	N2													
	O2													
	P2													
	Q2													
OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)														
	R2													
	S2													
EXAMINER									DATE CONSIDERED					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 47382.000101		SERIAL NO.: Unassigned: Cont. of 09/520,165	
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)				INVENTOR'S NAME: DIDOMENICO et al.		EXAMINER: Not Assigned	
				FILING DATE: November 3, 2000		GROUP: 2736 2875	

U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A3	4	7	9	8	4	6	4	01/1989	Boostrom			
	B3	4	8	1	0	8	8	4	03/1989	Carlson			
	C3	4	8	7	5	0	8	4	10/1989	Tohyama			
	D3	4	9	0	2	8	8	9	02/1990	Sodi			
	E3	4	9	2	4	0	9	5	05/1990	Swanson, Jr.			
	F3	5	0	4	1	7	2	3	08/1991	Ishida, et al.			
	G3	5	0	5	5	6	8	5	10/1991	Iwasawa			
	H3	5	0	5	5	6	9	7	10/1991	Manoogian, et al.			
	I3	5	1	5	7	2	5	8	10/1992	Gluck, et al.			
	J3	5	1	8	9	6	7	7	02/1993	Yry			
	K3	5	2	1	0	7	0	2	05/1993	Bishop, et al.			
	L3	5	2	1	0	7	6	5	05/1993	Chenery, et al.			
	M3	5	2	4	6	8	6	8	09/1993	Busch, et al.			

FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	N3													
	O3													
	P3													
	Q3													

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	R3
	S3

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 47382.000110		SERIAL NO.: Unassigned: Cont. of 09/520,165								
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)				INVENTOR'S NAME: DIDOMENICO et al.		EXAMINER: Not Assigned								
				FILING DATE: November 3 2000		GROUP: 3726 2318								
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL	A	5	2	5	2	8	2	8	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	A4	5	2	5	2	8	2	8	10/1993	Kert, et al.				
	B4	5	2	9	4	7	9	6	03/1994	Fee				
	C4	5	3	1	9	1	9	9	06/1994	Bishop, et al.				
	D4	5	3	2	5	3	8	0	06/1994	Berg, et al.				
	E4	5	3	2	5	3	9	3	06/1994	Nighan, et al.				
	F4	5	3	2	7	3	5	6	07/1994	Dall'Era, et al.				
	G4	5	3	4	3	j0	4	3	08/1994	Johnson				
	H4	5	3	7	1	3	6	7	12/1994	DiDomenico, et al.				
	I4	5	3	7	3	1	6	0	12/1994	Taylor				
	J4	5	4	0	1	9	6	7	03/1995	Bishop, et al.				
	K4	5	4	1	8	3	6	6	05/1995	Jack, et al.				
	L4	5	4	2	4	5	4	3	06/1995	Dombrowski, et al.				
	M4	5	4	5	1	7	8	7	09/1995	Taylor				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	N4													
	O4													
	P4													
	Q4													
OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)														
	R4													
	S4													
EXAMINER									DATE CONSIDERED					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 47382.000110		SERIAL NO.: Unassigned: Cont. of 09/520,165	
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)				INVENTOR'S NAME: DIDOMENICO et al.		EXAMINER: Not Assigned	
				FILING DATE: November 3, 2000		GROUP: 2736 2878	

U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A5	5	4	8	9	7	7	7	02/1996	Bishop, et al.			
	B5	5	4	9	8	8	7	2	03/1996	Bishop, et al.			
	C5	5	5	9	1	9	7	5	01/1997	Jack, et al.			
	D5	5	7	2	6	4	5	0	03/1998	Bahan, et al.			
	E5	4	2	0	4	7	6	8	05/1980	N'Guyen			
	F5												
	G5												
	H5												
	I5												
	J5												
	K5												
	L5												
	M5												

FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
														YES	NO
	N5														
	O5														
	P5														
	Q5														

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)												
	R5											
	S5											

EXAMINER	DATE CONSIDERED
-----------------	------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Notice of References CitedApplication/Control No.
09/704,565Applicant(s)/Patent Under
Reexamination
DIDOMENICO ET AL.Examiner
Otilia GaborArt Unit
2878

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5489777-A	02-1996	Stedman et al.	250/338.5
*	B	US-6307201-B1	10-2001	DiDomenico et al.	250/339.13
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.